

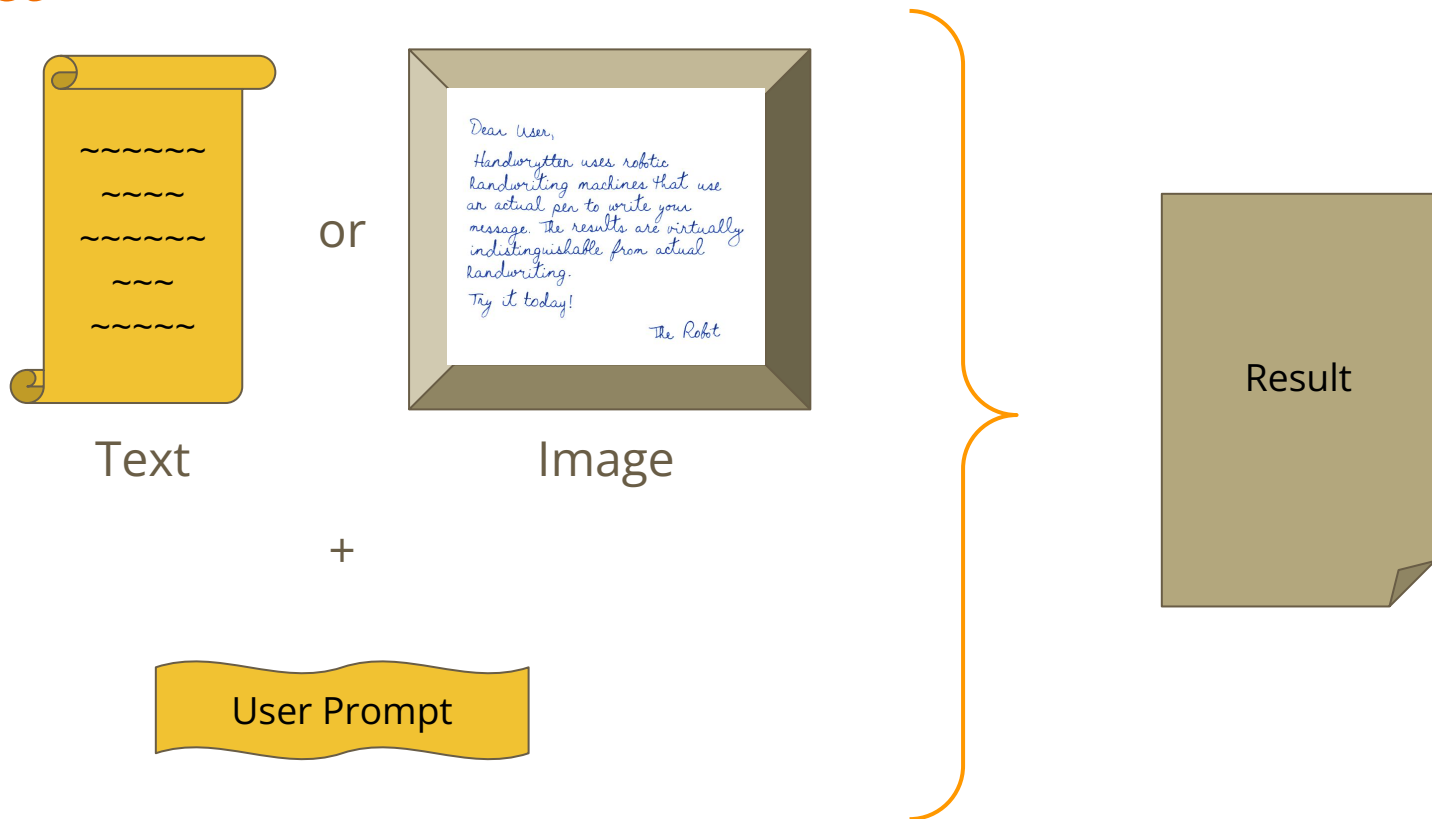
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# CS 683 - Cloud Computing Project Presentation

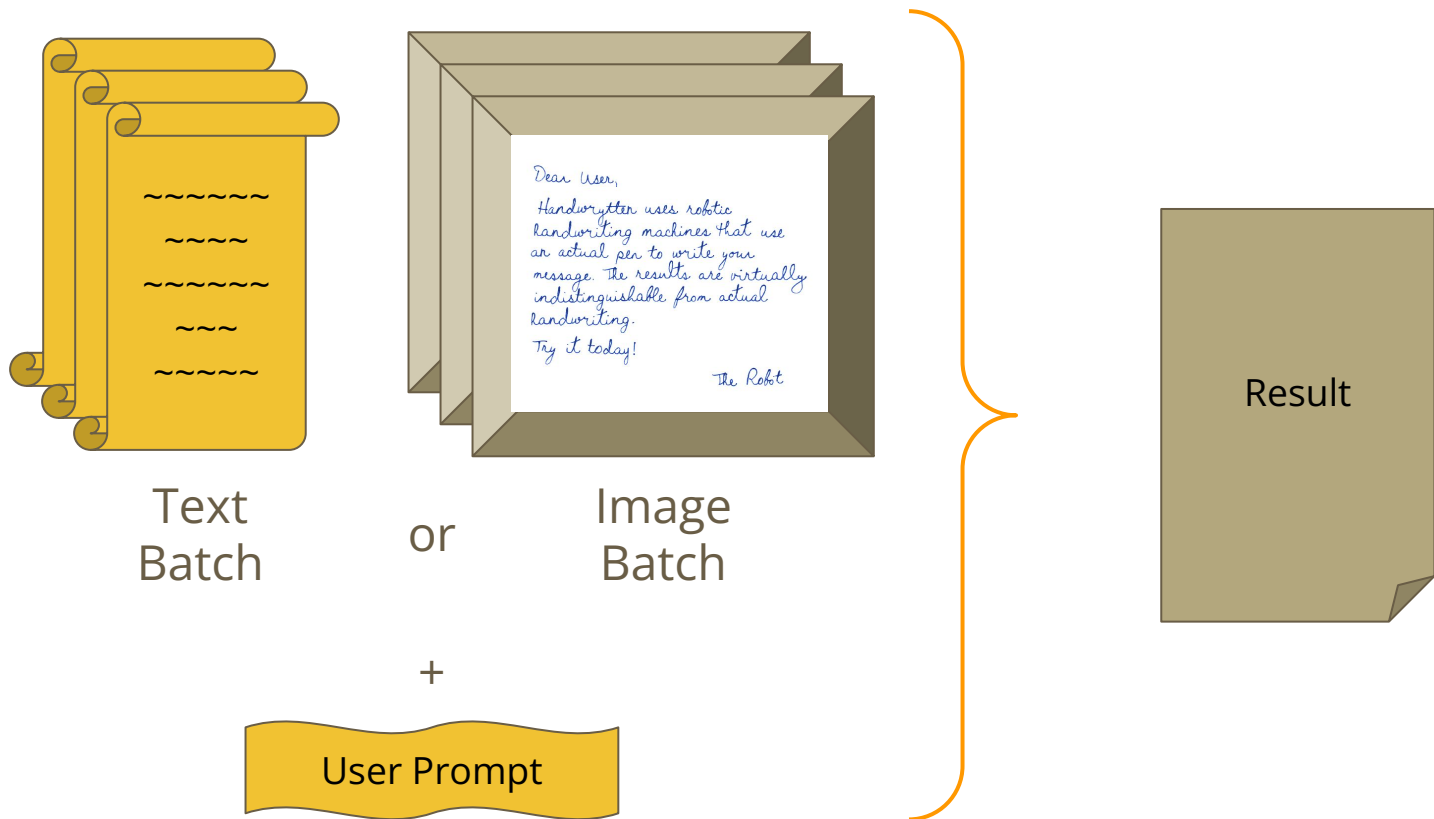
Berat Biçer, 21503050  
Batuhan Kaynak, 21501178  
Murat Şahin 22301345  
Mehmet Can Şakiroğlu, 22301343  
Ozan Müjde, 22301347

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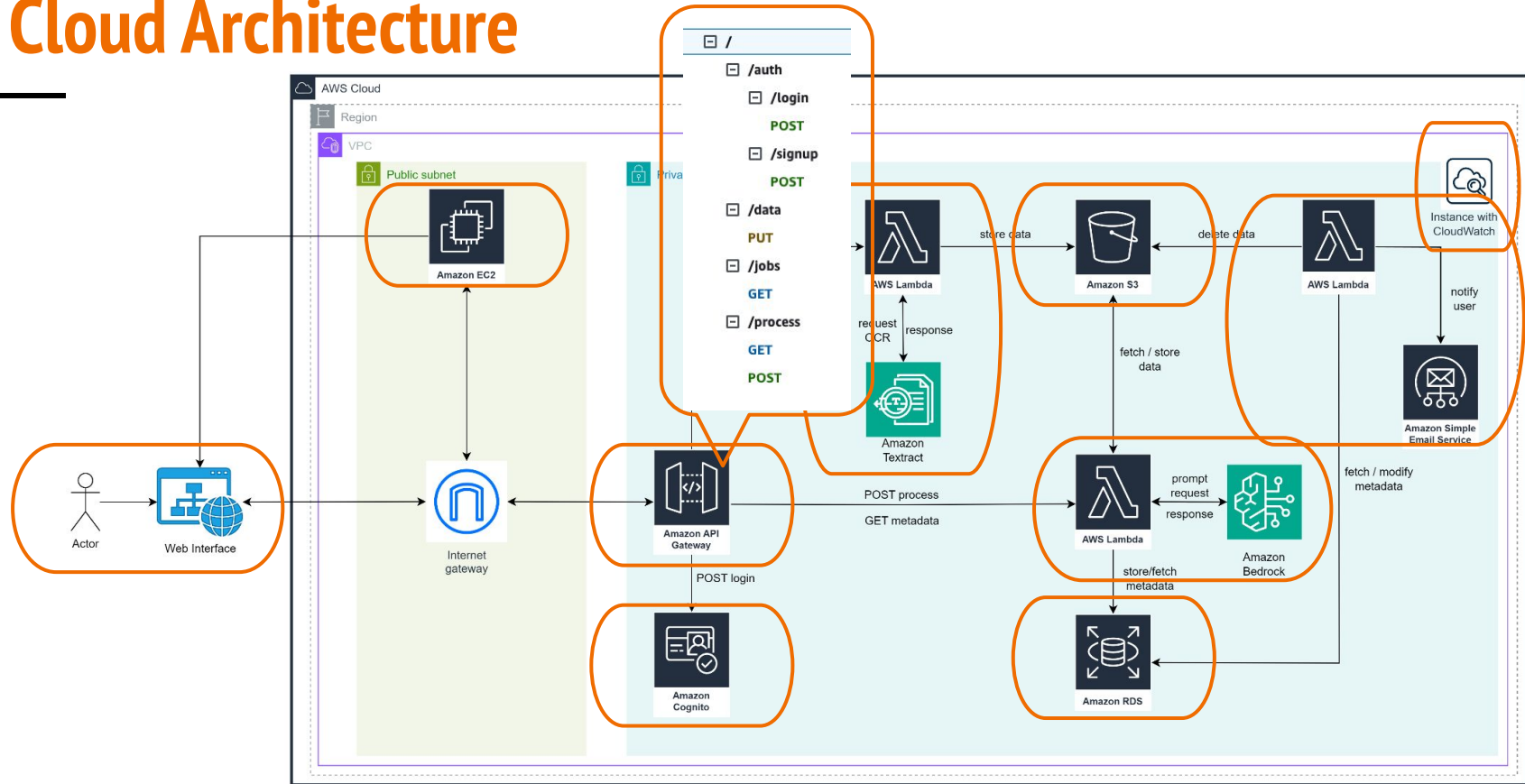
# Project



# Project



# Cloud Architecture



# Key Features

**NLP Task Execution** via Natural Language

**Secure** Authentication and Authorization

Capable of processing **text and image input**

**Results storage** for reference or business analytics

# Key Benefits

**User-friendly front-end** within the AWS ecosystem

**Secure data transfer** controlled by Security Groups

**Enhanced security** with separate VPCs for back-end and front-end, communicating via VPC Peering and API Gateway

**Integration with AWS services** like Textract, Bedrock, RDS, and S3

**Serverless, scalable architecture** using Lambda functions

**Continuous monitoring** by CloudWatch instances for each major component

# Demo

Here is the demo of our project:

<http://54.237.100.90/>